BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Name of Work:-Detailed Estime for Providing Released Tubular Pole along with street lights to JNRC Circal to dasarahalli village lake bund road in ward no 06.

Budget Head :P0298 M&R

Ward No. 05

Estimate No:- 33 **For Rs.** 150000.00

Sl No	SR Page & SL No	Description Of Work	Qty	Rate	Unit	Amount
		KPWD (Ele) S.R.2014-15				
1	1 P.No 22 I.No4.16	Supplying High pressure sodium vapour street light luminaire 250wsuitable for use with high pressure sodium vapour lamp with integrated control gear and grey colr powder coated. The fitting shall be non corrosive pressure die cast aluminium housing with high purity anodized aluminium housing with EPDM Gaskets suitable for Outer Dia of pole 40 mm -60 mm. Cable entry through a cable gland with toggle clips. IP65 protection for both optical & electrical compartment. Bottom cover may be with poly carbonate/tempered/ toughened glass.Luminaire efficiency should be > 60 % and ambient temperature >35 deg C. High Intensity Discharge electro magnetic ballast with copper winding of Orthocyclic winding coil. Class H insulated dual coated copper wire. Complaince to IEC 61347-2-9 Safety & IEC 60923-Performance. Winding Temperature rise "Tw-130deg C & temperature sise T=70 deg C. Luminaire shall be suitable to operate on 230/250 V 50 Hz AC supply finish including wiring , Ignitor, condenser, SS Toggles for opening front hingeable glass 250 Wattsa) Group 'A'	10	6900.00	Each	69000.00
2	2 P.No-108 I.No-17.1.2	Supplying & fixing of 32 mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. Using 32mm dia G.I pipe	9	893.00	Each	8037.00
3	56/7.6.1	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A 2 X 16 + 1 X 25 SQ.MM	0	92.00	Per Mtr	0.00
4	56/7.6.3	3 X 16 + 1 X 25 + 1 X 16 SQ.MM	440	117.00	Per Mtr	51480.00

5	33/5.4.2	Supply and fixing of .....cross arm including all Hardware's complete as per the standard technical specification of BESCOM 2 Pin 45x45x5mm -510mm	20	306.00	Each	6120.00
6	Bes SR	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	440	10.30	Per Mtr	4532.00
7	Bes SR	Dead End Clamp/Anchor Clamp Assembly 16 to70 Sqmm Bare Messenger(Exclusive of pole clampand eye hook) (Standard Stock materials 2016-17)	5	200.00	Each	1000.00
8	Bes SR	Suspension clamp suitable for insulatedMesssenger wire of size 25 to 95Sq mm(Standard Stock materials 2016-17)	20	325.00		6500.00
9	Bes SR	Erection of Suspension /dead end Clamp - 25 to 95insulated messenger with bracket sqmm(Standard Stock materials 2016-17)	24	135.00		3240.00
7		Miscellaneous				91.00
		TOTAL				**150000.00**

CERTIFICATE :-

1. The place was inspected and the work is essential.
2. The provision made in the estimate are adequate and necessary and the work comes in the BBMP limit and is legitimate Charges on the BBMP funds.
3. The estimate is based on KPWD (Ele) S.R.2014-15 Rates.and BESCOM SR 16-17.

Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
YELAHANKA DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. 1.50.Lakhs one Lakhs Fifty thousand only

is accorded under head PD298. m2R Electrical Installation in parks.

Registered as EE No. EE/ELE/Y2/AS/19/16-17 dt=20-2-17

to conditions contained in enclosed memo

No. DRD:SH2551 1.50.Lakhs

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 1.50.Lakhs

Rupees one Lakhs Fifty thousand only

Under PD298 m2R to Electrical Installation in parks

Registered as EE ( ) No. EE/E/E/Y2/TS/20/16-17 dt=22-2-17

Subject to conditions contained in enclosed memo EE ( ) No. AS/19/16-17

Dt. 20-2-17 Estimate A/ Sanctioned

22-2-17 No.

Dated Rs. 1.50.Lakhs

Executive Engineer